

May 17, 2005

Case No.: AUS920000810US1 (9000/18)

Serial No.: 09/738,368

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CLAIM AMENDMENTS

A listing of the entire set of pending claims 1-20 is submitted herewith per 37 C.F.R. §1.121. Please add claims 21-26.

1. (Currently Amended) A method for processing directory events using a computer, comprising:
 - operating a directory service provider server to perform a data manipulation within a master directory database;
 - operating an event master server to assign a sequence number to said data manipulation; and
 - operating said event master server to store said sequence number within said master directory database.
2. (Original) The method of claim 1, further comprising:
 - operating said event master server to provide an event message to an event service server, said event message including said sequence number and an event notification;
 - operating said master database to replicate said sequence number to a replicate directory database; and
 - operating said event service server to provide said event notification to an event client server in response to said replication of said sequence number to said replicate directory database.
3. (Original) The method of claim 2, further comprising:
 - operating said event client server to provide said event notification to at least one directory client registered to receive said event notification.

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4. (Currently Amended) A method for processing directory events using a computer, comprising:

operating a master database to replicate a data manipulation and a sequence number to a replicate directory database, said sequence number corresponding to an event notification; and

operating an event service server to provide said event notification to an event client server in response to said replication of said sequence number to said replicate directory database.

5. (Original) The method of claim 4, further comprising:

operating said event client server to provide said event notification to at least one directory client registered to receive said event notification.

6-14. (Cancelled)

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15. (Currently Amended) The system of claim 14, further comprising:

A system, comprising:

a master directory database operable to store data;

a directory service provider server operable to manipulate said data;

an event master server operable to assign a first sequence number to any manipulation of said data within said master directory database by said directory service provider server, wherein said event master server is further operable to store said first sequence number within said master directory database;

a replicate directory database operable to store said data, wherein said master directory database is further operable to replicate said data and a second sequence number to said replicate directory database;

an event service server operable to poll said replicate directory database for said second sequence number in response to said first sequence number from said event master server;

a directory client; and

an event client server operable to provide an event notification to said directory client, wherein said event service server is further operable to provide said event notification to said event client server when said first sequence number is less than or equal to said second sequence number.

16-18. (Cancelled)

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19. (Original) A system, comprising:

an event master server operable to assign a sequence number to a manipulation of a data within a master directory database;

an event service server operable to determine said sequence number being stored within a replicate directory database; and

an event client server operable to provide an event notification to at least one directory client when said sequence number is being stored within said replicated directory database, said event notification corresponding to said manipulation of said data.

20. (Cancelled)

21. (New) A system comprising:

one or more directory service providers operable to manipulate data stored in at least one master directory database, each data manipulation assigned a sequence number by an event master server and each data manipulation replicated to at least one replicate directory database based on the assigned sequence number; and

an event client server operable to notify at least one directory client based on the replication to each replicate directory database.

22. (New) The system of claim 21 wherein the directory service provider and a directory event system are linked only by a queue.

23. (New) The system of claim 22 wherein the queue stores modification messages, such that when a modification message is stored in the queue, an event message provider assigns a sequence number to the modification message, wherein the sequence number serves as a marker indicating that the corresponding manipulated data from the master directory database is stored within each replicate directory database.

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24. (New) The system of claim 23 wherein the event message provider provides an event message to the event service server, the event message including an event notification comprising the modification message or an edited version of the modification message, the event message further including the sequence number.

25 (New) The system of claim 24 further comprising a replicate data monitor, the replicate data monitor configured to poll the replicate directory database for the maximum sequence number, the replicate data monitor further configured to compare the maximum sequence number to a current sequence number to determine whether the current sequence number is equal to or less than the maximum sequence number, and the replicate data monitor configured to provide an event notification to the event client server when the current sequence number is equal to the maximum sequence number.

26. (New) The system of claim 21 further comprising a directory client register, wherein the directory client register is configured to allow each directory client to selectively register for one or more event services.